

Results #26 tumour i.s.

CDR3 $\alpha$ -Region

Fragment	TCRAV20S1	N-Region	TCRAJ
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Clones (14/54)C L V G  
TGCCTCGTGGG

TG

G S A R Q L T F  
GGTCTGCAAGGCAACTGACCTT  
TCRAJ22

Va20 or Ja22 coded:

Clones (1/54)C L V G  
TGCCTCGTGGG

A

G S A R Q L T F  
GGTCTGCAAGGCAACTGACCTT  
TCRAJ22Clones (11/54)C L V  
TGCCTCGTL  
CCTS G S A R Q L T F  
TTCTGGTTCTGCAAGGCAACTGACCTT  
TCRAJ22Clones (5/54)C L V  
TGCCTCGTGL  
CTS G S A R Q L T F  
TTCTGGTTCTGCAAGGCAACTGACCTT  
TCRAJ22Clones (2/54)C L  
TGCCTCGA  
CTAT G S A R Q L T F  
CTGTTCTTCTGCAAGGCAACTGACCTT  
TCRAJ22Clones (1/54)C L  
TGCCTCGV  
TS G S A R Q L T F  
TTCTGGTTCTGCAAGGCAACTGACCTT  
TCRAJ22Clones (1/54)C L V  
TGCCTCGTGGV S  
TCTCCG S A R Q L T F  
GGTCTGCAAGGCAACTGACCTT  
TCRAJ22Clones (1/54)C L  
TGCCTCGD S  
ACTCCG S A R Q L T F  
GGTCTGCAAGGCAACTGACCTT  
TCRAJ22Clones (1/54)C L  
TGCCTCGD  
ACS G S A R Q L T F  
TCTGGTTCTGCAAGGCAACTGACCTT  
TCRAJ22Clones (2/54)C L  
TGCCTCGA L A  
CCCTGGGGG S A R Q L T F  
GGTCTGCAAGGCAACTGACCTT  
TCRAJ22



Results #26 tumour i.s. CDR3 $\beta$ -Region

Fragment	TCRBV22S1	N-TCRBD-N	TCRBJ
Clones (8/62)	C A S S TGTGCCAGCAG	E T N CGAAACTAA TCRBD2	S Y E Q Y F CTCCTACGAGCAGTACTT TCRBJ2S7
Clones (2/62)	C A S S TGTGCCAGCAGT	E T N GAAACTAAT TCRBD2	S Y E Q Y F TCCTACGAGCAGTACTT TCRBJ2S7
Clone (1/62)	C A S S TGTGCCAGCAGT	E T S GAACTTCT TCRBD2	S Y E Q Y F TCCTACGAGCAGTACTT TCRBJ2S7
Clone (1/62)	C A S S TGTGCCAGCAGT	E T S GAAACAAG TCRBD1	S Y E Q Y F CTCCTACGAGCAGTACTT TCRBJ2S7
Clones (2/62)	C A TGTGCCA	T S G T A CCTCCGGGACAGCT TCRBD1	S Y E Q Y F TCCTACGAGCAGTACTT TCRBJ2S7
Clones (2/62)	C A R TGTGCCAG	S G T G ATCCGGGACAGG TCRBD1	S Y E Q Y F CTCCTACGAGCAGTACTT TCRBJ2S7
Clones (2/62)	C A S S TGTGCCAGCAGT	G T D GGGACGGA TCRBD1/2	S Y E Q Y F CTCCTACGAGCAGTACTT TCRBJ2S7
Clone (1/62)	C A S S TGTGCCAGCAGT	G T D GGCACAGA TCRBD1	S Y E Q Y F CTCCTACGAGCAGTACTT TCRBJ2S7
Clone (1/62)	C A S S TGTGCCAGCAG	G T D CGGGACAGAT TCRBD1	S Y E Q Y F TCCTACGAGCAGTACTT TCRBJ2S7

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Clone (1/62)	C A S S TGTGCCAGCAGT	G T R <u>GGGACTCGT</u> TCRBD2	S Y E Q Y F TCCTACGAGCAGTACTT TCRBJ2S7
Clone (1/62)	C A S S TGTGCCAGCAGT	G T R <u>GGGACACGT</u> TCRBD1	S Y E Q Y F TCCTACGAGCAGTACTT TCRBJ2S7
Clones (2/62)	C A S S TGTGCCAGCAGT	G T S S <u>GGAAGTAGCTCTT</u> TCRBD2	Y N E Q F F ACAATGAGCAGTCTT TCRBJ2S1 (TCRBJ2S7 sehr ähnlich)
Clone (1/62)	C A S S TGTGCCAGCAGT	G S D <u>GGGTCCGA</u> TCRBD1/2	S Y E Q Y F CTCCTACGAGCAGTACTT TCRBJ2S7
Clones (5/62)	C A S S TGTGCCAGCAGT	S T G <u>TCGACAGGG</u> TCRBD1	S Y E Q Y F TCCTACGAGCAGTACTT TCRBJ2S7
Clones (2/62)	C A S S TGTGCCAGCAG	S T V <u>CTCGACGGT</u> TCRBD1/2	S Y E Q Y F CTCCTACGAGCAGTACTT TCRBJ2S7
Clone (1/62)	C A S S TGTGCCAGCAGT	S T L <u>TCAACATTA</u> TCRBD2	S Y E Q Y F TCCTACGAGCAGTACTT TCRBJ2S7
Clone (1/62)	C A S S TGTGCCAGCAGT	S T L F <u>TCAACATTATT</u> TCRBD2	Y E Q Y F CTACGAGCAGTACTT TCRBJ2S7
Clone (1/62)	C A S S TGTGCCAGCAGT	S T A <u>TCGACAGC</u> TCRBD1	S Y E Q Y F CTCCTACGAGCAGTACTT TCRBJ2S7
Clones (2/62)	C A S S TGTGCCAGCAG	H T D <u>CCACACCGA</u> TCRBD1	S Y E Q Y F CTCCTACGAGCAGTACTT TCRBJ2S7
Clones (2/62)	C A S S TGTGCCAGCAGT	D T L <u>GACACCCT</u> TCRBD1	S Y E Q Y F CTCCTACGAGCAGTACTT TCRBJ2S7

Results #22 tumour i.s. CDR3 $\alpha$ -RegionClones (13/34)Y C L V G  
TACTGCCTCGTGGG

TG

G S A R Q L T F  
GTTCTGCAAGGCAACTGACCTT  
TCRAJ22

Val6 or JaC coded

Clones (2/34)Y C L V G  
TACTGCCTCGTGGG

G

G S A R Q L T F  
GGTTCTGCAAGGCAACTGACCTT  
TCRAJ22Clone (1/34)Y C L V G  
TACTGCCTCGTGGG

TC

R S A R Q L T F  
GTTCTGCAAGGCAACTGACCTT  
TCRAJ22Clones (4/34)Y C L V  
TACTGCCTCGTL  
CCTS G S A R Q L T F  
TTCTGGTTCTGCAAGGCAACTGACCTT  
TCRAJ22Clones (2/34)Y C L  
TACTGCCTCGA  
CTAT G S A R Q L T F  
CTGGTTCTGCAAGGCAACTGACCTT  
TCRAJ22

"604950" 604950

Results #22 tumour i.s.

CDR3 $\beta$ -Region

Clones (10/28)

C A S  
TGTGCCAGA D S F K  
TGGCGATTCTTTTAA  
TCRBD2D T Q Y F  
AGATACGCAGTATTT  
TCRBJ2S3

Clones (4/28)

C A S S  
TGTGCCAGCAGE T N  
CGAAACTAA  
TCRBD2S Y E Q Y F  
CTCCTACGAGCAGTACTT  
Jb2.7

Clones (1/28)

C A S S  
TGTGCCAGCAGTD Q G M  
GATCAGGGGATG  
TCRBD2N E Q F F  
AATGAGCAGTTCTT  
TCRBJ2S1

Clones (1/28)

C A S R  
TGTGCCAGCAGW D S E  
GTGGGACTCCGAGG  
TCRBD2D E Q Y F  
ACGAGCAGTACTT  
TCRBJ2S7

464590 "6954590"